

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended to put in abstract as follows on next page.

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to JOHN KIM whose telephone number is (571)272-1142. The examiner can normally be reached on Monday-Friday 7 a.m. - 3:30 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Sample can be reached on 571-272-1376. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/John Kim/
Primary Examiner, Art Unit 1797

--

Abstract of the Disclosure

The invention relates to a hollow fiber separation module comprising an inlet (20) for the gas to be dried, an outlet (22) for dried gas, an access element (26) and a discharge element (28) for circulation gas, and a plurality of hollow fibers which respectively extend from the inlet (29) to the outlet (22) and comprise an inner region which communicates with the inlet (20) on one end of each hollow fiber, and with the outlet (22) on the other end of each hollow fiber. The hollow fibers are wound up in a plurality of layers (40, 42, 44) to form a hollow cylindrical winding. Each layer (40, 42, 44) is inwardly defined by an imaginary cylinder (35, 36, 37) and has a number of hollow fibers which are wound onto the cylinder (35, 36, 37) in a helical manner with an alpha angle of inclination, are located at a distance a from each other, and are arranged on the cylinder in a homogeneously distributed manner. A layer (40) differs from an adjacent layer (e.g. 42) in that the fibers of one of the layers all form a plus alpha winding angle, whereas the fibers of the adjacent layers all form a minus alpha winding angle. --